

Converting Colors

Decimal(4998841)

Have a look what the booklet for
Decimal(4998841) contains.

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Color

Decimal(4998841)

Conversions

Conversions Part 1

Format	Color
Hex	4C46B9
RGB	76, 70, 185
RGB Percent	30%, 27%, 73%
CMY	0.7020, 0.7255, 0.2745
CMYK	0.59, 0.62, 0.00, 0.27
HSL	243°, 45%, 50%
HSV	243°, 62%, 73%
XYZ	13.9276, 9.4196, 46.9830
YIQ	84.9040, -33.3390, 37.0370

Conversions

Conversions Part 2

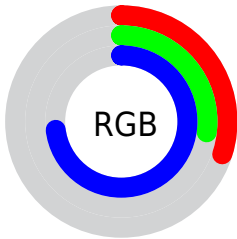
Format	Color
R_{YB}	76, 70, 185
Decimal	4998841
CIE _{Lab}	36.78, 36.10, -60.13
CIE _{LCh}	37, 70.138, 300.980
Yxy	9.4196, 0.1980, 0.1339
Android (android.graphics.Color)	4283188921 (0xFF4C46B9)
YUV	84.9040, 49.3473, -7.8088
Hunter-Lab	30.6914, 27.2926, -69.2785

Details

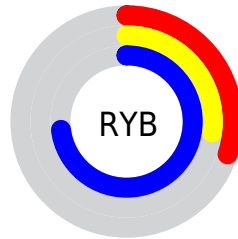
The Decimal color **4998841** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **11778374**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **8878066**, and **6787** is the 20% darker color. If you saturate the color by 10%, you get **3814585**, and if you desaturate by 10%, it is **6183353**.

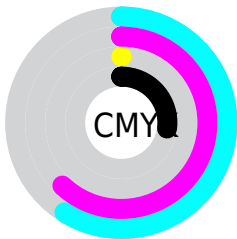
Distribution



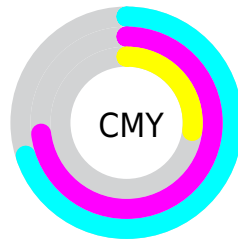
- Red (30%)
- Green (27%)
- Blue (73%)



- Red (30%)
- Yellow (27%)
- Blue (73%)



- Cyan (59%)
- Magenta (62%)
- Yellow (0%)
- Black (27%)



- Cyan (70%)
- Magenta (73%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4998841 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 4998841 by changing the saturation by 10% instead.

■ 4998841

■ 4998841

16777215

■ 2830238

■ 8878066

■ 6787

■ 10785279

■ 1641

■ 12692479

■ 80

■ 14600191

■ 1336

■ 16573439

■ 545

■ 7

■ 0

■ 4998841

■ 4998841

■ 3814585

■ 6183353

■ 2695609

■ 7302073

■ 1511097

■ 8486585

■ 655545

■ 9605305

■ 10789817

■ 11908537

■ 13093049

■ 14211769

■ 15396281

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24266



4998841



10033806

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4998841



9714688



27991

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4998841



11778374

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



27160



4998841



6903040

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4998841



11470880



3040000



28048

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4998841



11468906



3040000



27715

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4998841



12960496



4633529



6184056



16250871



7895160

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4998841



4537584



8734393



5460828



524444



65564

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12142259



15744230



8042822



6050651



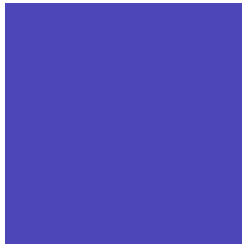
10223763



1835035

Previews

White Background



This preview shows how the Decimal color 4998841 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 4998841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

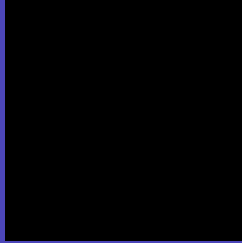
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4998841 Background



This preview shows how black text looks on a background with the Decimal color 4998841.

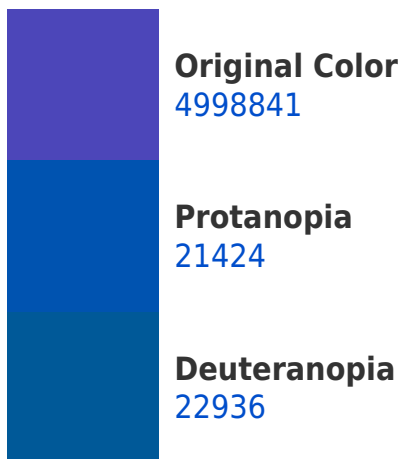



This preview shows how white text looks on a background with the Decimal color 4998841.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
2645606

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4998841 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4C46B9 looks like.

```
.text, #text, p{  
    color:#4C46B9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4C46B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C46B9
}
```

Border

The CSS property to change the border of an element to Decimal 4998841 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C46B9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4C46B9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4C46B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C46B9; -webkit-box-shadow:4px 4px  
4px 4px #4C46B9; box-shadow:4px 4px 4px  
4px #4C46B9 }
```

Background

The CSS property to change the background color of an element to Decimal 4998841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C46B9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4C46B9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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